

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An elastic couple rotor turning gear, comprising:

~~an~~ a substantially elastic support (5) is mounted on a frame (6) of a driven device, the substantially elastic support (5) including an upper ring (51) and a lower ring (52), the upper ring (51) being connected to the lower ring (52) through a plurality of substantially elastic ribs (53);

a casing (4) with a U-shaped cross section being connected to the substantially elastic support (5) for providing ~~an~~ a substantially elastic connection between the frame (6) of the driven device and the elastic couple rotor turning gear; a casing cover (3) being firmly fixed on the casing (4);

a plurality of speed reducers (2), each with an electric motor (1), being installed evenly or symmetrically positioned around the driven device, each speed reducer (2) having an output shaft (16) extending into the casing (4) under the casing cover (3), the output shaft (16) having a pinion gear (7) mounted thereon and meshed with a gear body (81) of a bull gear (8) positioned in the casing (4), the bull gear being engaged with a shaft coupling (9) through keys (10) via a key seat (83) or an upright post (84), and the shaft coupling (9) being fixed on a rotor (12) of the driven device.

2. - 4. (Canceled)

5. (Previously Presented) The elastic couple rotor turning gear according to claim 1, wherein an axial sliding clearance (13) and a radial sliding clearance (14) are formed between the gear body (81) of the bull gear (8) positioned inside the casing (4) and the casing (4).

6. (Previously Presented) The elastic couple rotor turning gear according to claim 1, wherein an air clearance is formed between an inner round wall (82) of the bull gear (8) and the shaft coupling (9), and three screws (15) for adjusting concentricity are evenly distributed along a circumference of the shaft coupling (9).

7. (Previously Presented) The elastic couple rotor turning gear according to claim 1, wherein the bull gear (8) includes the key seat (83) on an inner round wall (82) thereon or the upright post (84) being mounted on the bull gear (8).

8. (Currently Amended) An elastic couple rotor turning gear for driving a driven device to rotate, comprising at least two driving units symmetrically arranged around the driven device for evenly rotating the driven device, wherein each of the driving units (7) is connected to a frame (6) of the driven device through ~~an~~ a substantially elastic support (5).

9. (Currently Amended) The elastic couple rotor turning gear of claim 8, wherein the substantially elastic support (5) includes an upper ring (51), a lower ring (52), and a plurality of substantially elastic ribs (53) connecting the upper ring (51) and the lower ring (52).

10-20. (Canceled)

21. (New) The elastic couple rotor turning gear of claim 9, wherein the driven device comprises a rotor (12).

22. (New) The elastic couple rotor turning gear of claim 10, wherein each of the driving units comprises a pinion gear (7) adapted to mesh with a bull gear body (81) of a bull gear (8).

23. (New) The elastic couple rotor turning gear of claim 11, wherein the bull gear (8) is adapted to drive the rotor (12) through a shaft coupling (9) connected to the rotor (12).

24. (New) The elastic couple rotor turning gear of claim 12, wherein the bull gear (8) is adapted to drive the shaft coupling (9) via an engagement of a key (10) and a key seat (83) or an upright post (84).

25. (New) The elastic couple rotor turning gear according to claim 13, wherein an air clearance is formed between an inner wall of the bull gear (8) and the shaft coupling (9), and three screws (15) for adjusting concentricity are evenly distributed along a circumference of the shaft coupling (9).

26. (New) The elastic couple rotor turning gear of claim 13, wherein the bull gear (8) is adapted to turn back so as to remove the rotor (12) from an external force.

27. (New) The elastic couple rotor turning gear of claim 9, wherein each of the driving units

further comprises a casing (4) and a casing cover (3) forming an enclosure accommodating the pinion gear (7) and the bull gear body (81) therein.

28. (New) The elastic couple rotor turning gear of claim 16, wherein the casing (4) is connected to the upper ring (51), and the lower ring (52) is connected to the frame (6) of the driven device.

29. (New) The elastic couple rotor turning gear of claim 16, wherein an axial sliding clearance (13) and a radial sliding clearance (14) are formed between the bull gear body (81) and the casing (4).

30. (New) An elastic couple rotor turning gear for driving a driven device, comprising:

at least two pinion gears (7) symmetrically arranged around the driven device, each adapted to mesh with a bull gear (8), said bull gear (8) being adapted to drive a rotor (12) through an engagement between a key seat (83) or an upright post (84) provided on the bull gear (8) and a key (10) provided on a shaft coupling (9) connected to the rotor (12);

a casing (4) and a casing cover (3) forming a housing for accommodating the pinion gears (7) and the bull gear body (81) therein;

a substantially elastic support (5) comprising an upper ring (51), a lower ring (52), and a plurality of substantially elastic ribs (53) connecting the upper ring (51) and the lower ring (52), the casing (4) being mounted on the upper ring (51), and the lower ring (52) is fixed on a frame (6) of the driven device; and

at least two electric motors (1), each for driving a corresponding pinion gear (7) through an output shaft (16) of a speed reducer (2) mounted on the casing cover (3).

31. (New) The elastic couple rotor turning gear according to claim 30, wherein an air clearance is formed between an inner wall of the bull gear (8) and the driven device, and three screws (15) for adjusting concentricity are evenly distributed around the driven device.